

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph beginning on page 12, line 9, with the following rewritten paragraph.

Figure 2. Preparation of expression constructs encoding fusions between human RAP and human glucosidase (GAA), alpha-L-iduronidase (IDU) and glial-derived neurotrophic factor (GDNF). (RAPF primer: SEQ ID NO:12; RAPR primer SEQ ID NO:13; GAA forward primer SEQ ID NO:14; GAA reverse primer SEQ ID NO:15; IDU forward primer SEQ ID NO:16; IDU reverse primer SEQ ID NO:17; GDNF forward primer SEQ ID NO:18; GDNF reverse primer SEQ ID NO:19; RAPBACF primer SEQ ID NO:20.)

Please replace the paragraph beginning on page 12, line 12, with the following rewritten paragraph.

Figure 3. Nucleotide and protein sequences of the RAP-GAA fusion (nucleotide sequence: SEQ ID NO:6; protein sequence: SEQ ID NO:7).

Please replace the paragraph beginning on page 12, line 13, with the following rewritten paragraph.

Figure 4. Nucleotide and protein sequence of RAP-IDU fusion (nucleotide sequence: SEQ ID NO:8; protein sequence: SEQ ID NO:9).

Please replace the paragraph beginning on page 12, line 14, with the following rewritten paragraph.

Figure 5. Nucleotide and protein sequence of RAP-GDNF fusion (nucleotide sequence: SEQ ID NO:10; protein sequence: SEQ ID NO:11).

Please replace the paragraph beginning on page 12, line 24, with the following rewritten paragraph.

Figure 14. Multiple alignment of amino acid sequences of RAP from different species: human (SEQ ID NO:21); mouse (SEQ ID NO:22); rat (SEQ ID NO:23); chicken

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(SEQ ID NO:24); zebrafish (SEQ ID NO:25); fruit fly (SEQ ID NO:26); mosquito (SEQ ID NO:27); flatworm (SEQ ID NO:28).

In the sequence listing:

Please delete the sequence listing of record (pages 1-3) and replace with the substitute sequence listing enclosed herewith (pages 1-34).